

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004351

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01B9/02 G01N21/47 A61B3/12 A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01B G01N A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TAPLIN S R ET AL: "WHITE-LIGHT DISPLACEMENT SENSOR INCORPORATING SIGNAL ANALYSIS OF CHANNELLED SPECTRA" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 2292, 25 July 1994 (1994-07-25), pages 94-100, XP009041729 ISSN: 0277-786X the whole document</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1-93

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

15 February 2005

Date of mailing of the International search report

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WOJTKOWSKI M ET AL: "Real-time <i>in vivo</i> imaging by high-speed spectral optical coherence tomography" OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 28, no. 19, 1 October 2003 (2003-10-01), pages 1745-1747, XP002272407 ISSN: 0146-9592 the whole document	1-93
A	LEITGEB R ET AL: "SPECTRAL MEASUREMENT OF ABSORPTION BY SPECTROSCOPIC FREQUENCY-DOMAIN OPTICAL COHERENCE TOMOGRAPHY" OPTICS LETTERS, OPTICAL SOCIETY OF AMERICA, WASHINGTON, US, vol. 25, no. 11, 20 June 2000 (2000-06-20), pages 820-822, XP000951878 ISSN: 0146-9592 the whole document	1-93
A	WOJTKOWSKI M ET AL: "FOURIER-DOMAIN OPTICAL COHERENCE TOMOGRAPHY: NEXT STEP IN OPTICAL IMAGING" OPTICA APPLICATA, WROCŁAW, PL, vol. 32, no. 4, 2002, pages 569-580, XP009041714 cited in the application the whole document	1-93
A	US 5 317 389 A (HOCHBERG ET AL) 31 May 1994 (1994-05-31) cited in the application column 4, line 32 - column 6, line 52; figures 1-4	1-93
A	GH PODOLEANU A ET AL: "THEORETICAL STUDY OF TALBOT-LIKE BANDS OBSERVED USING A LASER DIODE BELOW THRESHOLD" PURE AND APPLIED OPTICS, BRISTOL, GB, vol. 7, no. 3, May 1998 (1998-05), pages 517-536, XP001204446 ISSN: 0963-9659 cited in the application pages 517-532	1-93
A	US 6 396 587 B1 (KNUPFER KLAUS ET AL) 28 May 2002 (2002-05-28) column 3, line 54 - column 5, line 25; figures 1-3	1-93

# INTERNATIONAL SEARCH REPORT

## Information on patent family members

International Application No

PCT/GB2004/004351

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5317389	A	31-05-1994	US	5071251 A US 5054924 A		10-12-1991 08-10-1991
US 6396587	B1	28-05-2002	DE AT DE EP	19929406 A1 245802 T 50002968 D1 1065468 A1		28-12-2000 15-08-2003 28-08-2003 03-01-2001